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POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

Practitioners associated with the Customer Number: Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):	I hereby re 37 CFR 3.	evoke all previous pov	wers of attorney giv	en in the appli	cation identified in	the attached stat	ement under
Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used): Name			Г				
Practitioner(s) named below (if more than ten patient practitioners are to be named, then a customer number must be usso): Name		tioners associated with the	Customer Number:		22242		
as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned any to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to: 22242 The address associated with Customer Number: 22242 State Zip Country Telephone Email Email Assignee Name and Address: TIT Inventions C LLC 2711 Centerville Road, Suite 400 Willmington, DE 19808 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SIGNATURE of Assignee of Record The instruction of the assignee		tioner(s) named below (if n	L nore than ten patent pra	actitioners are to b	e named, then a custo	mer number must be u	sed):
any and all patent applications assigned any to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordinance with 37 CFR 3.73(b). Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to: The address associated with Customer Number: 22242		Name	R		Na	me	
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The address associated with Customer Number: 22242 The address associated with Customer Number: Film or	any and all p	atent applications assigne	d <u>only</u> to the undersigne				
Film or Individual Name Address Zip	Please chan	ge the correspondence ad	dress for the application	identified in the a	ttached statement und	ler 37 CFR 3.73(b) to:	
Assignee Name and Address: City State Zip Country Telephone Email Assignee Name and Address: TTI Inventions C LLC 2711 Centerville Road, Suite 400 Wilmington, DE 19808 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SigNATURE of Assignee of Record The individual Assignment and title is supplied below is authorized to act on behalf of the assignee		e address associated with	Customer Number:	2	2242		
City State Zip Country Telephone Email Assignee Name and Address: TTI Inventions C LLC 2711 Centerville Road, Suite 400 Wilmington, DE 19808 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/98 or equivalent) is required to be filled in each application in which this form it he appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. SigNATURE of Assignee of Record The in-HYTGINI Assignator Record	Indivi						
Country Telephone Assignee Name and Address: TI Inventions C LLC 2711 Centerville Road, Suite 400 Wilmington, DE 19808 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/8B/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SiGNATURE of Assignee of Record The in-HYTGIIII Assignature and title is supplied below is authorized to act on behalf of the assignee							
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TTI Inventions C LLC 2711 Centerville Road, Suite 400 Willmington, DE 19808 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SiGNATURE of Assignee of Record The individual Application and title is supplied below is authorized to act on behalf of the assignee	Telephone				Email		
TTI Inventions C LLC 2711 Centerville Road, Suite 400 Willmington, DE 19808 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual Assignature and title is supplied below is authorized to act on behalf of the assignee	Assignee Na	ame and Address:					
2711 Centerville Road, Suite 400 Wilmington, DE 19808 A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/8B/96 or equivalent) is required to be filled in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filled. Signature of Assignee of Record The individual Assignature and title is supplied below is authorized to act on behalf of the assignee	-						
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the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed. SIGNATURE of Assignee of Record The individual your signature and title is supplied below is authorized to act on behalf of the assignee							
SIGNATURE of Assignee of Record The individual Assignature and title is supplied below is authorized to act on behalf of the assignee	the practit	ioners appointed in th	is form if the appoir	nted practitions	r is authorized to		
The individual signature and title is supplied oclow is authorized to act on behalf of the assignee	and must	identity the application					
		The individual who				ehalf of the assignee	
Signature Date Nov. 22, 2010	Signature	19	1			Date Nov. 22	, 2010
	Name	7	Vincent Pluvina	age	·		
Title Authorized Person for TTI Inventions C LLC This collection of Information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file fand	Title	· · · · · · · · · · · · · · · · · · ·					

Institution of information is required by 3° CFR 1.31, 1,32 and 1,33. The information is required to obtain or retain a cereful to by the USPTO or processal an exportant. Confidentiality is governed by 3° US C. 12 and 3° CFR 1.31 and 1.41. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the incividud cases. Any comments on the amount of time by or require to complete the form and/or anguestions for reducing this butter, and/out be sent to the Chiff information Offices. U.S. Patent and Tademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, V.A. 22313-1450. ON TSRID FEES OR COMPLETED FORMS TO THIS ADDRESS. SERVID TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.A. 22313-1450. ON TSRID FEES OR COMPLETED FORMS TO THIS ADDRESS. SERVID TO: Commissioner for Patents, P.O. Box 1450, Alexandria, V.A. 22313-1450.

DECLARATION REGARDING AUTHORITY TO SIGN ON BEHALF OF A LEGAL ENTITY 37 C.F.R. 3.73(b)(2)(i)

[date]

I, Vincent Pluvinage (whose title is supplied below), hereby declare that I am authorized
to sign on behalf of TTI Inventions C LLC.
Vincent Pluvinage
Authorized Person for TTI Inventions C LLC
Nov. 22, 2010

PTO/SB/96 (11-08) Approved for use through 12/31/2008. OMB 0651-0031

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STATEMENT UNDER 37 CFR 3.73(b)	
Applicant/Patent Owner: TTI Inventions C LLC	
Application No./Patent No.: 6,965,673 Filed/Issue Date:	11/15/2005
Entitled: Method of using transient faults to verify the security of a cryptosystem	
TTI Inventions C LLC , a limited liability company	
(Name of Assignee) (Type of Assignee, e.g., corporati	on, partnership, university, government agency, etc.)
states that it is:	
1. the assignee of the entire right, title, and interest; or	
an assignee of less than the entire right, title and interest (The extent (by percentage) of its ownership interest is	
in the patent application/patent identified above by virtue of either:	
A. An assignment from the inventor(s) of the patent application/patent identified a the United States Patent and Trademark Office at Reel, roopy therefore is attached.	
OR	
 A chain of title from the inventor(s), of the patent application/patent identified a From; Boneh, Dan et al. 	
The document was recorded in the United States Patent and Tradei Reel 022659 , Frame 0440 , or	
2. From: Boneh, Dan et al. To: Telcon	rdia Technologies, Inc.
The document was recorded in the United States Patent and Trader Reel 022299 , Frame 0384 , or	
3. From: Telcordia Technologies, Inc. To: JP Mo	organ Chase Bank, N.A.
The document was recorded in the United States Patent and Trader	mark Office at
Reel <u>015886</u> , Frame <u>0001</u> , or	for which a copy thereof is attached.
Additional documents in the chain of title are listed on a supplemental sheet.	
As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.	from the original owner to the assignee was,
[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) accordance with 37 CFR Part 3, to record the assignment in the records of the USI	
The undersigned (whose title is supplied below) is authorized to act on behalf of the assig	nee.
/Nicholas T. Peters/	12/17/10
Signature	Date
Nicholas T. Peters	312-577-7000
Printed or Typed Name	Telephone Number
Attorney for Assignee	

This collection of information is required by 37 CFR 373(b). The information is required to obtain or retain a benefit by the public which is to file (and by the LBPTO to process) an application. Confidentable; is governed by 35 LBS C.12 and 37 CERT 11 and 11.4. This collection is estimated to take 12 minerated to the process of the complete including gathering, preparing, and submitting the completed application form to the LBPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for excluding this burden, should be sent to the Chef Information Officer, U.S. Patent and Transferant Cifice. U.S. Department of Commerce, P.O. Box 1450, Alexandrin, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandrin, VA 22313-1450.

Additional Document(s) in the chain of title Supplemental Sheet

STATEMENT UNDER 37 CFR 3.73(b)

Application No./Patent No.: 6.965.673 Filed/Issue Date: 11/15/2005 Entitled: Method of using transient faults to verify the security of cryptosystem TTI Inventions C LLC , a limited liability company (Name of Assignee) Type of Assignee, e.g. corporation, partnership, university, governmental agency, etc.) 4. From: JP Morgan Chase Bank, N.A., as Administrative Agent To: Telcordia Technologies, Inc. The document was recorded in the United States Patent and Trademark Office at Reel: 019520 /Frame: 0174 , for which a copy thereof is attached.
TTI Inventions C LLC , a limited liability company (Name of Assignee) Type of Assignee, e.g. corporation, partnership, university, governmental agency, etc.) 4. From: JP Morgan Chase Bank, N.A., as Administrative Agent To: Telcordia Technologies, Inc. The document was recorded in the United States Patent and Trademark Office at
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From: JP Morgan Chase Bank, N.A., as Administrative Agent _ To: Telcordia Technologies, Inc. The document was recorded in the United States Patent and Trademark Office at
Technologies, Inc. The document was recorded in the United States Patent and Trademark Office at
5. From: Telcordia Technologies, Inc. To: Wilmington Trust Company, as
Collateral Agent
The document was recorded in the United States Patent and Trademark Office at Reel: https://document.org/ncb/91562 /Frame:

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S. C. (2b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A fecord in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the
- A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S. C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.